

## Control of gearshifting in an automatic transmission in series with a manual range gearbox

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### Abstract of GB2304835

An automatic transmission 12 is provided along with a range change transmission 14 for providing high and low ranges. A sensor 40 senses the selection of a range change and directs a signal to a transmission controller 24 for the automatic transmission. The controller operates a selector 32 of the automatic transmission 12 to select a gear ratio which is appropriate to the new ratio in the range change transmission 14 and which will maintain the momentum and smooth progress of the vehicle.

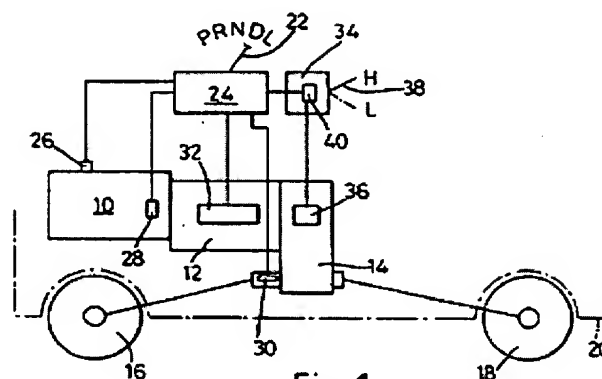


Fig. 1

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